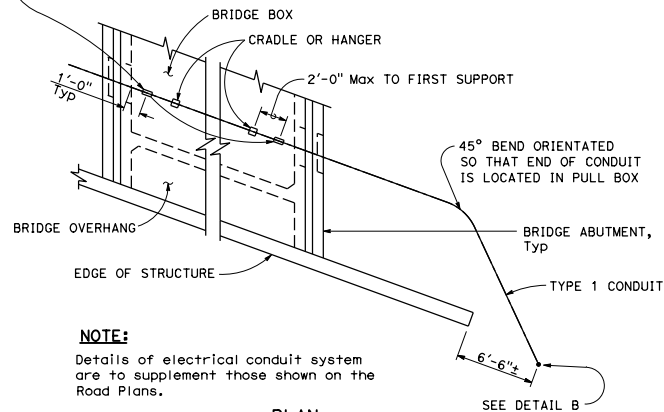
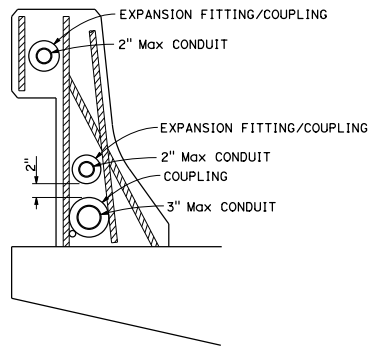


CONDUIT EXPANSION FITTING. SEE STANDARD PLAN ES-9B DETAIL X. PROVIDE FOR A MINIMUM MOVEMENT OR $1\frac{1}{2}$ " ($T + \frac{1}{2}$ ") AT EACH ABUTMENT WHERE NO EXPANSION JOINTS ARE LOCATED. OTHER EXPANSION ASSEMBLIES SHALL PROVIDE MOVEMENTS ACCORDING TO ADJACENT EXPANSION JOINT SIZE. SUPPORTS ARE TO BE LOCATED 2'-0" MAXIMUM EACH SIDE OF EXPANSION ASSEMBLIES.



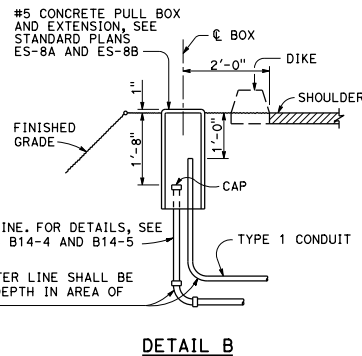
PLAN COMMUNICATION OR SPRINKLER CONTROL CONDUITS



CONDUIT IN BRIDGE RAILING

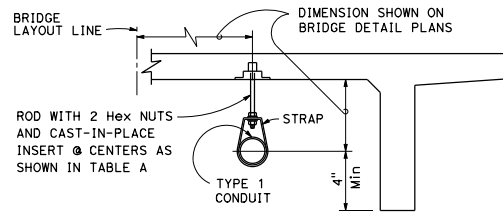
NOTES:

1. The maximum conduit sizes shown are for a straight run across the bridge without pull boxes.
2. In a bridge railing with lighting standards or pull boxes, reduce size of affected conduits as needed.

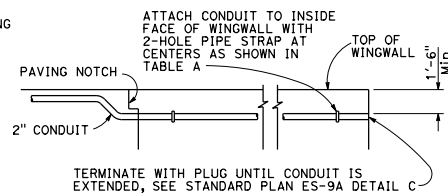


WATER SUPPLY LINE. FOR DETAILS, SEE STANDARD PLANS B14-4 AND B14-5
CONDUIT OR WATER LINE SHALL BE 4'-6" MINIMUM DEPTH IN AREA OF GUARD RAILING

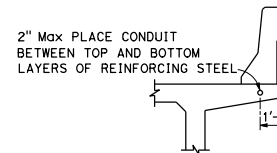
DETAIL B



OTHER THAN BOX GIRDER CONDUIT HANGER SUPPORT DETAILS



CONDUIT IN OVERHANG-WINGWALL DETAIL



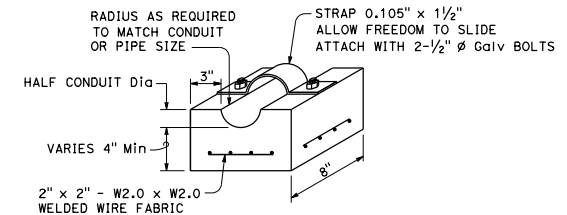
CONDUIT IN OVERHANG

CONDUIT LOCATIONS

(For 2" conduit only except as noted)
For location see Bridge Detail plans.

TABLE A

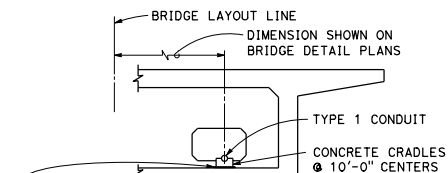
CONDUIT	2 1/2" OR LESS	3"	3 1/2"
ROD	3/8" Ø	1/2" Ø	5/8" Ø
STRAP	0.090" x 1"	0.090" x 1"	0.105" x 1 1/2"
SUPPORT SPACING	10'-0"	10'-0"	10'-0"



NOTES:

1. Cradles to be precast concrete.
2. Secure all cradles to bottom slab of bridge with epoxy adhesive, except as provided below.

CONCRETE CRADLE



UNDER THE FIRST CRADLE SUPPORT INSIDE BRIDGE NEAR ABUTMENT OR HINGE, EPOXY 12 GAGE GALVANIZE STEEL SHEET 2'-8" x 1'-4" TO THE FLOOR OF CELL. DO NOT SECURE CRADLE TO STEEL SHEET. CRADLE SHALL BE FREE TO SLIDE TO ACCOMMODATE LATERAL MOVEMENT.

BOX GIRDER CONDUIT SUPPORT DETAILS

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION COMMUNICATION AND SPRINKLER CONTROL CONDUITS (CONDUIT LESS THAN 4")

NO SCALE

B14-3

DIS*	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

Joseph S. Gitt
REGISTERED ELECTRICAL ENGINEER
October 30, 2015
PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

PROFESSIONAL ENGINEER
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No. E18551
Exp. 12-31-16
ELECTRICAL
STATE OF CALIFORNIA